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Hindman

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(54) **PNEUMATIC DOOR SEAL**

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See application file for complete search history.

(71) Applicant: **Hyundai Translead**, San Diego, CA
(US)

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(72) Inventor: **Donald James Hindman**, San Diego,
CA (US)

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(73) Assignee: **Hyundai Translead**, San Diego, CA
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Primary Examiner — H Gutman

(74) *Attorney, Agent, or Firm* — Procopio, Cory,
Hargreaves & Savitch LLP

(57) **ABSTRACT**

A roll-up door assembly including a plurality of door panels;
a pneumatic seal apparatus having an elastic membrane of
an elongated tube disposed around a perimeter of the trailer
door so as to be adjacent to the plurality of door panels,
wherein pressurized air is injected into the pneumatic seal
apparatus to expand the elastic membrane and to apply an
outward force against multiple sides of the plurality of door
panels, wherein applying the outward force against the
plurality of door panels on multiple sides keeps the plurality
of door panels as a single unit such that substantially less air
flows through the plurality of door panels than prior to the
application of the outward force to seal the trailer door.

7 Claims, 6 Drawing Sheets

